

032504

13281 U.S. PTO

S&H Form: PTO/SB/05 (2/02)

# UTILITY PATENT APPLICATION

## TRANSMITTAL

(Only for original applications)

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

Attorney Docket No. 1095.1307

First Named Inventor or Application Identifier:  
Tsukasa TAKAHASHI

Express Mail Label No.

ADDRESS TO:  
**Commissioner for Patents**  
**Box Patent Application**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

1. ☒ Fee Transmittal Form
2. ☒ Specification, Claims & Abstract .....[Total Pages: 32]
3. ☒ Drawing(s) (35 USC 113) .....[ Total Sheets: 8 ] [FIGS. 1-8 ]
4. ☐ Oath or Declaration .....[ Total Pages:    ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Verified Statement Claiming Small Entity Status
6. ☐ Application Data Sheet. See 37 C.F.R. 1.76
7. ☒ Applicant claims foreign priority benefit to: Japanese Application 2003-297432 filed August 21, 2003
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies
10. ☒ For publication of assignee information under 37 CFR 1.215(b), list the assignee as Fujitsu Limited of Kawasaki, Japan. The Assignment papers will be filed later.

## ACCOMPANYING APPLICATION PARTS

11. ☐ Assignment (cover sheet & document(s)) to
 

☐ for publication of assignee information under 37 CFR 1.215(b)
12. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copy of IDS Citation
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
17. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
18. ☐ Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
19. ☐ Other:

## 20. CORRESPONDENCE ADDRESS

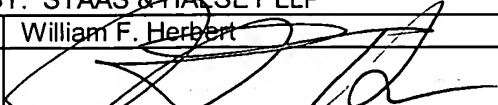


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PATENT TRADEMARK OFFICE

16834 U.S. PTO  
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|----------------------------------|------------------|-------------------|--|
| <b>NEW APPLICATION<br/>FEE TRANSMITTAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     | Attorney Docket No.                                                                 |                     | 1095.1307                        |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Application Number                                                                  |                     | Unassigned                       |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | Filing Date                                                                         |                     | March 25, 2004                   |                  |                   |  |
| AMOUNT ENCLOSED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     | \$ 0.00                                                                             |                     | First Named Inventor             |                  | Tsukasa TAKAHASHI |  |
| <b>FEE CALCULATION</b> (fees effective 10/01/03)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| CLAIMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (1) FOR                                                                             | (2) NUMBER<br>FILED                                                                 | (3) NUMBER<br>EXTRA | (4) RATE                         | (5) CALCULATIONS |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TOTAL CLAIMS                                                                        | 4 - 20 =                                                                            | 0                   | X \$ 18.00 =                     | \$ 0.00          |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | INDEPENDENT<br>CLAIMS                                                               | 2 - 3 =                                                                             | 0                   | X \$ 86.00 =                     | 0.00             |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MULTIPLE DEPENDENT CLAIMS (any number;<br>if applicable)                            |                                                                                     |                     | + \$290.00 =                     |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                     |                     | BASIC FILING<br>FEE              |                  | 770.00            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                     |                     | Total of above<br>Calculations = |                  | \$ 770.00         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f))<br>(\$130.00)   |                                                                                     |                     |                                  |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Reduction by 50% for filing by small entity (37 CFR 1.27).                          |                                                                                     |                     |                                  |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                     |                     | TOTAL FILING<br>FEE =            |                  | \$ 770.00         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surcharge for filing non-English language application (\$130.00;<br>37 CFR 1.52(d)) |                                                                                     |                     |                                  |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Recordation of Assignment (\$40.00; 37 CFR 1.21(h))                                 |                                                                                     |                     |                                  |                  |                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                     |                     | TOTAL FEES<br>DUE =              |                  | \$ 770.00         |  |
| <b>METHOD OF PAYMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| <input type="checkbox"/> Check enclosed as payment.<br><input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.<br><input checked="" type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time<br>(unless specifically required to obtain a filing date).                                                                                                                                                                                                  |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| <b>GENERAL AUTHORIZATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| <input type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby<br>authorized to credit any overpayment or charge any additional fees necessary to:                                                                                                                                                                                                                                                                                                                                          |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| Deposit Account No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                     | 19-3935                                                                             |                     |                                  |                  |                   |  |
| Deposit Account Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                     | STAAS & HALSEY LLP                                                                  |                     |                                  |                  |                   |  |
| <input type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees<br>required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the<br>prosecution of this application, including any related application(s) claiming benefit hereof<br>pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or<br>continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any<br>such related application. |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| <b>SUBMITTED BY: STAAS &amp; HALSEY LLP</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                     |                                                                                     |                     |                                  |                  |                   |  |
| Typed Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     | William F. Herbert                                                                  |                     | Reg. No.                         |                  | 31,024            |  |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |  |                     | Date                             |                  | March 25, 2004    |  |